

ABSTRACT

A system for physical location self awareness in network connected devices comprises a location server acquiring locations of the devices from a real-time location system (RTLS) and an agent running on each of the devices, the agent querying the location server for a location of the device and storing location information for the device on that device. The system may comprise a plurality of RTLSs and a hierarchical server for searching for a location of a device starting from a last known location server outward. A method for providing location self awareness in network connected devices comprises establishing a location server for acquiring a location of the device from an RTLS, executing an agent on the device, instructing the device to send a query to the location server for location information for the device, and storing the location information for the device on the device.